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M A T E R I A L   S A F E T Y   D A T A   S H E E T

TEXAS REFINERY CORP.  
One Refinery Place  
Fort Worth, Texas 76101  
(817) 332-1161  
24 Hr. Emergency Telephone No.: CHEMTREC 800-424-9300

Date - February, 1995  
Supercedes - September, 1994

\*\*\*\*\* I. PRODUCT IDENTIFICATION \*\*\*\*\*

TRADE NAME - Wheel Bearing Grease  
CHEMICAL FAMILY - Petroleum Oil & Soap

PRODUCT CODE: 8055

\*\*\*\*\* II. HAZARDOUS INGREDIENTS \*\*\*\*\*

1. Petroleum Oil (oil mist)  
PEL:  $5\text{mg}/\text{m}^3$  TLV:  $5\text{mg}/\text{m}^3$  WT.% > 84
  2. Soap and Additives  
PEL: Not Established TLV: Not Established WT.% < 16
- Ingredients are proprietary. Potential hazards have been evaluated and pertinent information has been included in Section IV through VIII.

\*\*\*\*\* III. PHYSICAL/CHEMICAL DATA \*\*\*\*\*

BOILING POINT( $^{\circ}\text{F}$ ): N/A SPECIFIC GRAVITY ( $\text{H}_2\text{O}=1$ ): 0.93  
VAPOR PRESSURE (mm Hg): N/A PERCENT VOLATILE BY VOL.: N/A  
VAPOR DENSITY (Air=1): N/A SOLUBILITY IN WATER: Insoluble  
EVAPORATION RATE (Butyl Acetate=1): N/A  
APPEARANCE AND ODOR - Dark Amber with mild petroleum odor.

\*\*\*\*\* IV. FIRE AND EXPLOSION HAZARD DATA \*\*\*\*\*

FLASH POINT: 425 F. min. (COC) (oil portion)  
FLAMMABLE LIMITS: N/A  
EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical or Foam  
SPECIAL FIRE FIGHTING PROCEDURES: Use air-supplied breathing equipment for enclosed areas. Water stream may spread fire, use water spray only to cool containers exposed to fire.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Will not flash spontaneously. May ignite if exposed to open flame.  
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA):  
HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0

\*\*\*\*\* V. HEALTH HAZARD DATA \*\*\*\*\*

TLV/PEL: Not Established - See Section II  
PRINCIPAL ROUTES OF EXPOSURE - Skin  
CARCINOGENS - None known  
EFFECTS OF OVEREXPOSURE - May cause possible eye irritation with repeated or prolonged contact. Possible skin irritation with repeated or prolonged contact. Primary hazard associated with grease in high pressure gun. If injected under the skin, necrosis could result. Ingestion may cause possible irritation, nausea or diarrhea.



## WHEEL BEARING GREASE

EMERGENCY AND FIRST AID PROCEDURES - Immediately flush eyes with water for at least minutes, occasionally lifting the lower and upper lids. Get medical attention if redness or irritation occurs. Wash skin with soap and water. If grease is injected under the skin, get medical attention as soon as possible. In case of ingestion, DO NOT induce vomiting. Seek medical advice.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE - Not Determined

NOTES TO PHYSICIAN - None

### \*\*\*\*\* VI. REACTIVITY DATA \*\*\*\*\*

STABILITY - Stable

CONDITIONS TO AVOID - None known

INCOMPATIBILITY (Materials to Avoid) - Strong Oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS - Incomplete combustion can yield carbon monoxide and various hydrocarbons.

HAZARDOUS POLYMERIZATION - Will not occur

CONDITIONS TO AVOID - None known

### \*\*\*\*\* VII. PRECAUTIONS FOR SAFE HANDLING AND USE \*\*\*\*\*

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED - Pick up and place in container for disposal.

WASTE DISPOSAL METHOD - Federal, State and/or Local approved disposal. Utilize permitted industrial waste disposal site.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE - Do not store with strong oxidants.

OTHER PRECAUTIONS - None

### \*\*\*\*\* VIII. CONTROL MEASURES \*\*\*\*\*

RESPIRATORY PROTECTION - Not required under normal conditions. See Section IV.

VENTILATION - N/A

PROTECTIVE GLOVES - Nitrile or neoprene gloves for prolonged contact

EYE PROTECTION - Safety glasses, chemical goggles, or faceshield as appropriate for exposure

OTHER PROTECTIVE EQUIPMENT - Not required

WORK/HYGIENIC PRACTICES - Observe good personal hygiene practice when handling this grease.

### \*\*\*\*\* IX. TRANSPORTATION DATA \*\*\*\*\*

DOT SHIPPING NAME - N/A

DOT HAZARD CLASS - N/A

UN/NA NUMBER - N/A

DOT LABEL(S) - N/A

FREIGHT CLASSIFICATION - Petroleum, lubricating grease

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FOR ADDITIONAL INFORMATION CONTACT: Regulatory Affairs Office  
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